

Date: January 28, 2002  
File No: 84077

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application

Applicant: Brown, et al.

Serial No.: 09/992,149

Filed: November 6, 2001

For: **VACCINES WITH ENHANCED  
IMMUNE RESPONSE AND  
METHODS FOR THEIR  
PREPARATION**

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) 28, 2002

*Gerald T. Shekleton*

Gerald T. Shekleton Reg. No. 27,466

Date: January 28, 2002

**COMPLETION OF FILING REQUIREMENTS**

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Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith in response to the Notice to File Missing Parts of Application --

Filing Date Granted dated December 10, 2001, are:

- (X) Declaration or Oath for this application.
- ( ) Filing fee for this application.
- ( ) Assignment(s) of the invention to \_\_\_\_\_.
- ( ) Petition for Extension of Time.
- (X) Other: Information Disclosure Statement with Form PTO-1449 and Cited References.
- (X) A Check in the amount of \$ 130.00 to cover the surcharge.
- ( ) Charge \$ \_\_\_\_\_ to Deposit Account No. 23-0920.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 23-0920. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 23-0920. A duplicate copy of this sheet is enclosed.

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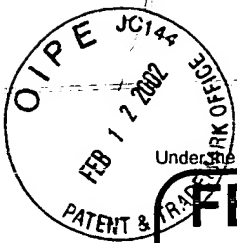
**WELSH & KATZ, LTD.**

By

*Gerald T. Shekleton*

Gerald T. Shekleton

Registration No. 27,466



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Approved for use through 10/31/2002 OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$130.00

## Complete if Known

|                      |                     |
|----------------------|---------------------|
| Application Number   | 09/992,149          |
| Filing Date          | November 6, 2001    |
| First Named Inventor | Robert George Brown |
| Examiner Name        | Not Assigned        |
| Group Art Unit       | 1645                |
| Attorney Docket No.  | 84077               |

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

23-0920

Deposit  
Account  
Name

Welsh & Katz, Ltd.

- ☒ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status.  
See 37 CFR § 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

| Fee<br>Code | Fee<br>(\$) | Fee<br>Code | Fee<br>(\$) | Fee Description |
|-------------|-------------|-------------|-------------|-----------------|
|-------------|-------------|-------------|-------------|-----------------|

Fee Paid

|     |     |     |     |                        |  |
|-----|-----|-----|-----|------------------------|--|
| 101 | 740 | 201 | 370 | Utility filing fee     |  |
| 106 | 330 | 206 | 165 | Design filing fee      |  |
| 107 | 510 | 207 | 255 | Plant filing fee       |  |
| 108 | 740 | 208 | 370 | Reissue filing fee     |  |
| 114 | 160 | 214 | 80  | Provisional filing fee |  |

SUBTOTAL (1)

### 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Independent Claims | -20** = 0    | X              | 0.00     |
| Multiple Dependent | -3** = 0     | X              | 0.00     |

Large Entity Small Entity

| Fee<br>Code | Fee<br>(\$) | Fee<br>Code | Fee<br>(\$) | Fee Description |
|-------------|-------------|-------------|-------------|-----------------|
|-------------|-------------|-------------|-------------|-----------------|

Fee Description

|     |     |     |     |  |
|-----|-----|-----|-----|--|
| 103 | 18  | 203 | 9   | Claims in excess of 20                                     |
| 102 | 84  | 202 | 42  | Independent claims in excess of 3                          |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid                      |
| 109 | 84  | 209 | 42  | ** Reissue independent claims over original patent         |
| 110 | 18  | 210 | 9   | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

\$0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee<br>Code | Fee<br>(\$) | Fee<br>Code | Fee<br>(\$) | Fee Description |
|-------------|-------------|-------------|-------------|-----------------|
|-------------|-------------|-------------|-------------|-----------------|

Fee Description

Fee Paid

|     |        |     |        |  |        |
|-----|--------|-----|--------|--|--------|
| 105 | 130    | 205 | 65     | Surcharge - late filing fee or oath  | 130.00 |
| 127 | 50     | 227 | 25     | Surcharge - late provisional filing fee or cover sheet                     |        |
| 139 | 130    | 139 | 130    | Non - English specification  |        |
| 147 | 2,520  | 147 | 2,520  | For filing a request for <i>ex parte</i> reexamination                     |        |
| 112 | 920*   | 112 | 920*   | Requesting publication of SIR prior to Examiner action                     |        |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action                        |        |
| 115 | 110    | 215 | 55     | Extension for reply within first month                                     |        |
| 116 | 400    | 216 | 200    | Extension for reply within second month                                    |        |
| 117 | 920    | 217 | 460    | Extension for reply within third month                                     |        |
| 118 | 1,440  | 218 | 720    | Extension for reply within fourth month                                    |        |
| 128 | 1,960  | 228 | 980    | Extension for reply within fifth month                                     |        |
| 119 | 320    | 219 | 160    | Notice of Appeal   |        |
| 120 | 320    | 220 | 160    | Filing a brief in support of an appeal                                     |        |
| 121 | 280    | 221 | 140    | Request for oral hearing   |        |
| 138 | 1,510  | 138 | 1,510  | Petition to institute a public use proceeding                              |        |
| 140 | 110    | 240 | 55     | Petition to revive - unavoidable   |        |
| 141 | 1,280  | 241 | 640    | Petition to revive - unintentional   |        |
| 142 | 1,280  | 242 | 640    | Utility issue fee (or reissue)   |        |
| 143 | 460    | 243 | 230    | Design issue fee   |        |
| 144 | 620    | 244 | 310    | Plant issue fee  |        |
| 122 | 130    | 122 | 130    | Petitions to the Commissioner  |        |
| 123 | 50     | 123 | 50     | Processing fee under 37 CFR § 1.17(q)                                      |        |
| 126 | 180    | 126 | 180    | Submission of Information Disclosure Statement                             |        |
| 581 | 40     | 581 | 40     | Recording each patent assignment per property (times number of properties) |        |
| 146 | 740    | 246 | 370    | Filing a submission after final rejection (37 CFR § 1.129(a))              |        |
| 149 | 740    | 249 | 370    | For each additional invention to be examined (37 CFR § 1.129(b))           |        |
| 179 | 740    | 279 | 370    | Request for Continued Examination (RCE)                                    |        |
| 169 | 900    | 169 | 900    | Request for expedited examination of a design application                  |        |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$130.00

## SUBMITTED BY

Name (Print/Type)

Gerald T. Shekleton

Registration No.  
(Attorney/Agent)

27,466

Complete (if applicable)

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(312)655-1500

Signature

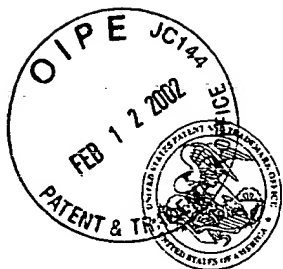
Gerald T. Shekleton

Date

January 28, 2002

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
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WASHINGTON, D.C. 20231  
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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/992,149         | 11/06/2001          | Robert George Brown   | 84077                  |

CONFIRMATION NO. 5280

## FORMALITIES LETTER



\*OC000000007176399\*

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120 S. Riverside Plaza  
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Chicago, IL 60606

Date Mailed: 12/10/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

02/15/2002 SDIRETA1 00000105 09992149

01 FC:105

130.00 OP

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

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PART 2 - COPY TO BE RETURNED WITH RESPONSE